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REMARKS

Claim 2 has been canceled. Claims 1 and 3-10 remain pending in the application.

Applicant amends claim 1 for clarification and refers to Figs. 11-12 and their corresponding descriptions in the specification for an exemplary embodiment of and support for the claimed invention. No new matter has been added.

Applicant submitted a claim for foreign priority under 35 U.S.C. § 119 from Japanese Patent Application No. 2000-377628 (filed December 12, 2000), and a certified copy of the foreign priority application. The Examiner acknowledged, by the summary sheet of the Office Action dated March 29, 2005, Applicant's priority claim but has not acknowledged Applicant's filing of the certified copy of the priority document. Applicant respectfully requests that the Examiner make the proper receipt acknowledgement of the certified copy of the priority document.

Applicant further requests that the Examiner indicate acceptance of the drawings.

Claims 1-10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,501,746 to Leung in view of U.S. Patent No. 6,842,456 to Chen et al. Applicant amends claim 1 in a good faith effort to further clarify the claimed invention as distinguished from the cited references. Applicant respectfully traverses the Examiner's rejection.

In the February 27, 2006 Advisory Action, the Examiner maintained the claim rejection by referring to the description of a "foreign agent updating a visitor table as a mobile node registers with the agent" on col. 12, line 63 to col. 13, line 15 in Leung apparently as alleged disclosure of the claimed feature of newly registering correspondence between the home address and the current address. The Examiner further cited description in Leung of "the foreign agent performing a registration procedure using the visitors table, where after a registration reply has

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been received, the corresponding node is informed of a change in the current address due to roaming."

Applicant respectfully submits that the cited portions of Leung only describe updating the visitor table at a foreign agent after it receives a registration reply from the home agent of a mobile node. The cited portions also only describe the mobile node informing a change in the current address to a corresponding node after completing the registration.

As such, the cited portions do not disclose or suggest the foreign agent update of its visitor table being triggered by the reception of update notifying information transmitted for notifying a correspondent node. The cited portions of Leung only describe informing a corresponding node afterwards.

Furthermore, the Examiner acknowledged that Leung fails to disclose "converting the home address destination to a current address destination," and relied upon Chen et al. as a combining reference that allegedly discloses this feature. Page 2, lines 16-21 of the Office Action. As described by the Examiner in the Office Action, the cited portions of Chen et al. only describe "a home agent adapted to remove the home address of the mobile node and replace (convert) it with a foreign agent's care-of-address (current address destination)." Page 2, lines 19-21 of the Office Action. Therefore, such portions of Chen et al. do not disclose or suggest a mobile adapter router that is located on a communication path between a correspondent node and a home agent.

"converting a home address destination to a current address destination, and transmitting a packet, when receiving a packet transmitted from said correspondent node destined for the home address destination, to the current address destination before the received packet reaches the home agent," as recited in claim 1.

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Applicant, thus, respectfully submits that even assuming, arguendo, that it would have been obvious to combine Leung and Chen et al., such a combination would still have failed to teach or suggest,

“[a] mobile node adapted router, located on a communication path between a correspondent node communicating with a mobile node and a home agent of the mobile node, and forming a network supporting packet communication for at least a mobile node, comprising:

a memory means for storing a current address of said mobile node which should be stored by a correspondent node of the packet communication in place of the correspondent node;

a transfer means for referring to said memory means, converting a home address destination to a current address destination, and transmitting a packet, when receiving a packet transmitted from said correspondent node destined for the home address destination, to the current address destination before the received packet reaches the home agent; and

a registering means for newly registering correspondence between the home address and the current address in the memory means triggered by the reception of update notifying information transmitted for notifying the correspondent node in communication of updating of an address along with a change of the current address due to movement of the mobile node,” as recited in claim 1. (Emphasis added)

Again, the claimed invention provides a technique for relieving the traffic that occurs at a home agent caused by the manner of operation described in the cited references. Furthermore, the conventional technique of referring back to the home agent described in the cited references suffers from relatively long transfer route switching times, which may cause packet loss. Applicant, thus, refers to paragraphs [0004] and [0006] of the specification for a description of the problems present by conventional systems, which includes the ones described in the cited references, that are solved by the claimed invention. The claimed invention further provides the advantage of improving performance in a manner that is compatible with conventional

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correspondent nodes so that such improvements may be made without the need for remodeling all of the existing correspondent nodes.

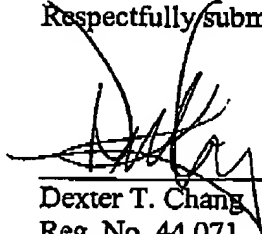
Accordingly, Applicant respectfully submits that claim 1, together with claims 3 and 5-8 dependent therefrom, is patentable over Leung and Chen et al., separately and in combination, for at least the foregoing reasons. Claim 4 incorporates the features of claim 1 cited above and is, therefore, together with claims 9-10 dependent therefrom, patentable over the cited references for at least the same reasons.

The above statements on the disclosures in the cited references represent the present opinions of the undersigned attorney. The Examiner is respectfully requested to specifically indicate those portions of the respective reference that provide the basis for a view contrary to any of the above-stated opinions.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,


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